



योग: कर्मसु कौशलम्

**Darshan**  
UNIVERSITY

**DIPLOMA**  
COMPUTER ENGINEERING



A  
**technical**  
**Diploma**  
program  
that prepares you  
for the **Futuristic Jobs**  
in the evergreen **IT Industry**



## Computer Engineering

Computer Engineering is one of the most sought programs in the engineering discipline. It will help you to develop a strong foundation in software and hardware. A computer engineer, also known as a software engineer or an IT engineer, is responsible to develop software, websites, mobile apps, etc. Computer Engineering is also the backbone of the many rapidly growing fields such as Artificial Intelligence, Machine Learning, Big Data, Internet of Things (IoT), Blockchain (used in cryptocurrency), etc.

*This program is the best suited for the students willing to pursue a degree program and want to grow in the IT industry.*



## Diploma Engineering in Computer @ DU

- Highly qualified, well-experienced, and dedicated faculty members.
- A strong theoretical foundation for crystal-clear fundamentals.
- Focus on project-based learning with real-world applications of technology.
- Exposure to cutting-edge technologies through seminars and workshops.
- Student-oriented progress report messaging system.
- Encouraging students to study beyond the curriculum.



## Syllabus

### Semester-1

- Mathematics – I
- Basic Physics
- C Programming – I
- Computer Peripherals
- Web Designing – I
- Indian Constitution
- Induction Program

### Semester-2

- Mathematics – II
- Foundational English
- C Programming – II
- Database Management System – I
- Web Designing – II
- Environment Studies

### Semester-3

- Fundamental of Electronics
- Computer Network
- Database Management System – II
- OOP with Java
- Data Structure
- Professional Communication
- Indian Knowledge System

### Semester-4

- Office Automation Tools
- Operating System
- PHP and WordPress
- Python Programming
- Life Management & Human Values
- Open Elective – I

### Semester-5

- Mobile App Development using Flutter
- Software Engineering
- Professional Elective – I
- Professional Elective – II
- Capstone Project - Part I

### Semester-6

- Computer Organization and Architecture
- Professional Elective – III
- Capstone Project - Part II
- Career Orientation

### Electives:

ASP.Net, UI/UX Designing, IoT, Cyber Security, Javascript Frameworks, Banking System, Fundamental of Civil Engineering, Energy Conservation and Audit, Mechanical Engineering Concepts and Applications



## Skill Development Activities



Web Development Using PHP & MySQL



App Development Using Android



Hardware Workshop



Python Workshop



Project Exhibition



Poster Presentation



## Lab Infrastructure



IoT Lab



Android Lab



iPhone Lab



## IT Infrastructure

10 +

HP & IBM  
High-End Servers

1700+

HP & Lenovo  
Computers

iLab

iMac, MacBook,  
Mac Mini, iPad, iPhone

aLab

High-End HP  
All-in-One

IoT Lab

Raspberry Pi, Arduino  
Species & Sensor Kits



## Prominent Alumni



**Dushyant Rathod**  
Software Engineer

crest(data)



**Rajvi Joshi**  
Technical Support Coordinator

MIRACLE  
Accounting Software



**Dushyant Mehta**  
Sr. Tech Lead (Flutter)

WHITE LABEL FOX



**Niyati Bhatt**  
Software Tester

TRAC KWIZZ  
Compliance Without Compromise



**Brijrajsinh Zala**  
Full Stack Developer

CodeTrade.io



**Keval Kankrecha**  
Software Engineer

KEVIT



**Priyanshi Parsaniya**  
MES & SCADA Specialist

ROIMA



**Jay Solanki**  
Software Engineer

e2logy SOFTWARE SOLUTIONS



**Harsh Maniar**  
Frontend Developer

ajmera



## Apps, Software & Web Development Center (ASWDC)



- ASWDC is Apps, Software and Website Development Center established by Computer Engineering Department. Students are given extensive training in selected programming languages using the latest cutting-edge technologies.



Darshan University is the **only university in Gujarat** which runs ASWDC that manages industry-standard **Google Play Store** and **Apple App Store** accounts

## Scan QR Codes



About Program



Diploma Ready Reckoner



Computer Labs



Google Play Store



Apple App Store



Campus Video



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**Darshan**  
UNIVERSITY

### University Campus

- Rajkot-Morbi Highway, Rajkot-363650.
- 9727747310 / 11
- www.darshan.ac.in

### Counseling Centre

- 401, Lotus Arcade, 8-Royal Park, Between KKV Circle & Indira Circle 150 Ft. Ring Road, Rajkot-360005.
- 9978918186, 9429794513